## Issue Classification



| Application/Control No. | Applicant(s)/Patent Under Reexamination |
|-------------------------|---|
| 10590325                | YAMADA ET AL.                           |
| Examiner                | Art Unit                                |
| SAMUEL A GEBREMARIAM    | 2811                                    |

| ORIGINAL                          |          |           |                                       |  |  |   | INTERNATIONAL CLASSIFICATION  |   |  |   |   |   |   |   |  |  |
|-----------------------------------|----------|-----------|---------------------------------------|--|--|---|---|---|--|---|---|---|---|---|--|--|
| CLASS SUBCLASS                    |          |           |                                       |  | CLAIMED  |   |   |   |  |   | NON-CLAIMED   |   |   |   |  |  |
| 438 93                            |          |           |                                       |  | Н  | 0   | 1   | L   | 21 / 00 (2006.01.01)   |   |   |   |   |   |  |  |
| С                                 | ROSS REI | ERENCE    | (S)                                   |  |  |   |   |   |  |   |   |   |   |   |  |  |
| SUBCLASS (ONE SUBCLASS PER BLOCK) |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
| 455                               | 458      | 459       | 970                                   | 977  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       | -  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  | Н  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   |          |           |                                       |  |  |   |   |   |  |   |   |   |   |   |  |  |
| 1                                 |          |           |                                       | 1  |  |   |   |   |  |   |   |   |   |   |  |  |
|                                   | C        | CROSS REF | CROSS REFERENCE SUBCLASS (ONE SUBCLAS | CROSS REFERENCE(S)  SUBCLASS (ONE SUBCLASS PER BLC | CLASS SUBCLASS 93  CROSS REFERENCE(S)  SUBCLASS (ONE SUBCLASS PER BLOCK) | CLASS SUBCLASS  93 H  CROSS REFERENCE(S)  SUBCLASS (ONE SUBCLASS PER BLOCK) | CLASS SUBCLASS  93 H 0  CROSS REFERENCE(S)  SUBCLASS (ONE SUBCLASS PER BLOCK) | CLASS  93  H 0 1  CROSS REFERENCE(S)  SUBCLASS (ONE SUBCLASS PER BLOCK) | CLASS         SUBCLASS         C           93         H         0         1         L           CROSS REFERENCE(S)           SUBCLASS (ONE SUBCLASS PER BLOCK) | CLASS         SUBCLASS         CLAIMED           93         H         0         1         L         21 / 00 (2006.01.01)           CROSS REFERENCE(S)           SUBCLASS (ONE SUBCLASS PER BLOCK)         Image: Claimed and the properties of th | CLASS         SUBCLASS         CLAIMED           93         H         0         1         L         21 / 00 (2006.01.01)           CROSS REFERENCE(S)           SUBCLASS (ONE SUBCLASS PER BLOCK)         U | CLASS         SUBCLASS         CLAIMED           93         H         0         1         L         21 / 00 (2006.01.01)           CROSS REFERENCE(S)           SUBCLASS (ONE SUBCLASS PER BLOCK)         U | CLASS         SUBCLASS         CLAIMED         N           93         H         0         1         L         21 / 00 (2006.01.01)         L           CROSS REFERENCE(S)         H         0         1         L         21 / 00 (2006.01.01)         L           SUBCLASS (ONE SUBCLASS PER BLOCK)         H         0         1         L         21 / 00 (2006.01.01)         L | CLASS         SUBCLASS         CLAIMED         NON-           93         H         0         1         L         21 / 00 (2006.01.01)         CROSS REFERENCE(S)           SUBCLASS (ONE SUBCLASS PER BLOCK)         SUBCLASS (ONE SUBCLASS P |  |  |

|       | Claims renumbered in the same order as presented by applicant |       |          |       |          |       |          | СР    | 'A [     | ] T.D. | ☐ R.1.47 |       |          |       |          |
|-------|---|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|-------|----------|-------|----------|
| Final | Original  | Final | Original | Final | Original | Final | Original | Final | Original | Final  | Original | Final | Original | Final | Original |
| -     | 1   | -     | 17       | 4     | 33       |       |          |       |          |        |          |       |          |       |          |
| -     | 2   | -     | 18       | -     | 34       |       |          |       |          |        |          |       |          |       |          |
| -     | 3   | -     | 19       | -     | 35       |       |          |       |          |        |          |       |          |       |          |
| -     | 4   | -     | 20       | 5     | 36       |       |          |       |          |        |          |       |          |       |          |
| -     | 5   | -     | 21       | 7     | 37       |       |          |       |          |        |          |       |          |       |          |
| -     | 6   | -     | 22       | 6     | 38       |       |          |       |          |        |          |       |          |       |          |
| -     | 7   | -     | 23       | 8     | 39       |       |          |       |          |        |          |       |          |       |          |
| -     | 8   | -     | 24       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 9   | -     | 25       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 10  | 1     | 26       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 11  | 2     | 27       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 12  | -     | 28       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 13  | 3     | 29       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 14  | -     | 30       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 15  | -     | 31       |       |          |       |          |       |          |        |          |       |          |       |          |
| -     | 16  | -     | 32       |       |          |       |          |       |          |        |          |       |          |       |          |

|  |            | Total Claims Allowed: |                   |  |  |  |
|--|------------|-----------------------|-------------------|--|--|--|
| (Assistant Examiner)                             | (Date)     | 8                     |                   |  |  |  |
| /SAMUEL A GEBREMARIAM/<br>Examiner.Art Unit 2811 | 02/27/2011 | O.G. Print Claim(s)   | O.G. Print Figure |  |  |  |
| (Primary Examiner)                               | (Date)     | 1                     | 12&14             |  |  |  |

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